

FILE COPY

~~OK~~

~~Bob McCall~~ OPERATOR'S EXAM

8-27-85 CHEMICAL PROCESSORS, INC.
PLANT #1 FACILITY

- 1) Give the gage heights for the following tanks:

Tank 9126-0 $\frac{1}{2}$ Tank 9631-6 $\frac{1}{2}$

Tank 9731"

Tank 9824-11 $\frac{1}{2}$ Tank 9724-11 $\frac{1}{2}$

Tank 10030-2"

Tank 10330-3 $\frac{1}{2}$

Tank 106110

Tank 107116"

Tank 108116"

Tank 109116"

Tank 110116"

Tank 111116"

Tank 112116"

Tank 114190"

Tank 165 81 ft 8

- 2) On which incoming waste oil loads do we run a BS&W?

All of them

What does BS&W mean?

Bottom Settings 3 Water

Explain how to run a BS&W.

5000 mlure 5000 sample put into centrifuge for 10 min

① Counter Balance with full bottle 3 double readings

- 3) How often would the separator be checked for oil

At start of day every hour at 3 at end of shift

- 4) What should be done with the oil that accumulates in the

It should be pumped to one of the waste oil tanks

- 5) How many ppm oil are we allowed to discharge in our water

6.5

USEPA RCRA



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8) What is the maximum amount of water can be and still be allowed to go into Meltwater? 100 ppm

9) What do we use to monitor for hydrogen sulfide?
Sensor of smell

10) What will neutralize hydrogen sulfide?
Hydrogen peroxide

11) What should you do when the pH alarm sounds?
Alert Management personal & Shift foreman shut down system
Clean pH meter put back together & restart if it sounds again
adjust the pH with NaOH

12) How do you clean the pH probe?
With 409 cleaner

13) Briefly explain how to calibrate the pH meter.

14) The meter runs between 0 & 14 with increments of one inbetween also put the probe in 400 pH 4, 10 & 7 & adjust to the correct increment

15) What should you do prior to starting the pumps for any transfer, loading or circulation? Clear filter on filter make sure your line ups are correct & make sure you know what is in the tanks so you wont contaminate any other product & also gage any tank before transfer loading or circulation.

16) After starting any circulation or transfer, when should you read the tanks? Before during & after

16) Why should you gage the tanks when you're doing a circulation? To make sure your going in the right tank

17) How often should you gage the waters tanks?

Every day & as much as needed if you are going into or coming out of with product

18) What does S.P.C.C. mean?

Spill prevention control measure plan

19) Where is the SPCC kept?

3 copies 1# in open office 2# by time clock #3 in your office Rot.

20) What color(s) in incoming waste water would make you suspect that it contains chrome?

Light orange

21) What chemical do we use to treat for chrome?

Sodium Bisulfate

22) Where should you put any waste water that you suspect may contain heavy metals or phenols?

115 116 117 Rec tank of 01 105

23) Approximately how many gallons per foot are there in Tank #105? 4798

24) When treating waste oil, how hot do we heat the tank before adding KGS? 180°F

25) What chemical do we use to raise the pH in our water tanks? Caustic

26) Where in the plant is smoking not allowed?
Nuggetaire But ope office, managers office

27) When you turn the steam on a tank you should always do it very slowly. Why? Because if you don't turn it on slow you can break the coils.

28) Which tanks in the facility have working steam coils?
90 105 107 109 Rec tank 110 99 94

29) Why do we gage the water tanks and record the meter readings before and after discharge to Metro? To make sure we have total accuracy of the amount of product in the tank. Before I switch tanks, we go by 3 gages & 3 meter readings to determine how much we have gave them so we can correctly bill them for product shipped

- 30) Why do we gage the water tanks and record the meter readings before and after discharge to Metro?

X

- 31) Where do we log the information from incoming waste receipts?

In our Log Book ; Reacher Sheet ; & our Bath Staff
; on & your records in your office Before They go downtown

- 32) Where is the sewer pumping station located on Pier 91?

South West corner

- 33) How often should the recharge water separator boxes be checked and for what?

Every 2 hours while discharging water to Metro
3 as much as needed when the tank tanks going off Bad

This is a diagram of the tank yards.

1. Properly number all the tanks.
 2. Indicate the locations of the foamite stations.
 3. Show the approximate location of the 8" and the 16" valve on each tank.
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